

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
 Data File : VX048523.D
 Acq On : 07 Nov 2025 16:08
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 08 04:42:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 04:36:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
 Supervised By :Semsettin Yesilyurt 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.526	168	208567	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	338972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	15533	5.345	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.680%#		
35) Dibromofluoromethane	5.367	113	12508	4.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.760%#		
50) Toluene-d8	8.629	98	50032	6.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.500%#		
62) 4-Bromofluorobenzene	11.067	95	20155	6.759	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	13.520%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	10406	6.157	ug/l	98
3) Chloromethane	1.301	50	14899	6.647	ug/l	99
4) Vinyl Chloride	1.380	62	13292	5.237	ug/l	90
5) Bromomethane	1.612	94	10500	6.545	ug/l	96
6) Chloroethane	1.691	64	8263	4.971	ug/l	94
7) Trichlorofluoromethane	1.892	101	20571	5.123	ug/l	92
8) Diethyl Ether	2.136	74	7364	4.569	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	12355	5.315	ug/l	98
10) Methyl Iodide	2.453	142	14486	4.211	ug/l	98
11) Tert butyl alcohol	2.941	59	12432	22.575	ug/l	97
12) 1,1-Dichloroethene	2.325	96	12506	5.151	ug/l	87
13) Acrolein	2.233	56	2325	29.452	ug/l	96
14) Allyl chloride	2.660	41	21278	4.707	ug/l	98
15) Acrylonitrile	3.056	53	37815	23.523	ug/l	98
16) Acetone	2.374	43	29264	21.273	ug/l	92
17) Carbon Disulfide	2.514	76	35734	5.230	ug/l	100
18) Methyl Acetate	2.697	43	17721	4.687	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	41157	4.800	ug/l	95
20) Methylene Chloride	2.782	84	13475	4.764	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	12732	4.948	ug/l	98
22) Diisopropyl ether	3.745	45	41398	4.769	ug/l	86
23) Vinyl Acetate	3.709	43	182320	23.983	ug/l	97
24) 1,1-Dichloroethane	3.599	63	23046	4.839	ug/l	99
25) 2-Butanone	4.544	43	48107	23.639	ug/l	97
26) 2,2-Dichloropropane	4.465	77	20044	4.936	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	15087	4.796	ug/l	95
28) Bromochloromethane	4.885	49	10844	4.635	ug/l	96
29) Tetrahydrofuran	4.989	42	35526	24.509	ug/l	94
30) Chloroform	5.080	83	24285	4.939	ug/l	99
31) Cyclohexane	5.458	56	21262	5.448	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	21258	4.954	ug/l	99
36) 1,1-Dichloropropene	5.678	75	17540	5.106	ug/l	97
37) Ethyl Acetate	4.696	43	23748	4.911	ug/l	98
38) Carbon Tetrachloride	5.660	117	19518	4.991	ug/l	97
39) Methylcyclohexane	7.367	83	22362	5.797	ug/l	98
40) Benzene	6.019	78	53670	5.040	ug/l	100

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41) Methacrylonitrile	4.898	41	10139	4.768	ug/l	97
42) 1,2-Dichloroethane	6.074	62	17670	4.843	ug/l	84
43) Isopropyl Acetate	6.318	43	31170	4.585	ug/l	99
44) Trichloroethene	7.105	130	13467	5.291	ug/l	99
45) 1,2-Dichloropropane	7.409	63	12610	5.150	ug/l	93
46) Dibromomethane	7.568	93	9006	5.043	ug/l	97
47) Bromodichloromethane	7.806	83	19475	5.466	ug/l	94
48) Methyl methacrylate	7.684	41	15097	4.996	ug/l	97
49) 1,4-Dioxane	7.641	88	5049	109.654	ug/l #	93
51) 4-Methyl-2-Pentanone	8.555	43	106003	27.395	ug/l	99
52) Toluene	8.702	92	33741	6.018	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	19075	5.196	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	21118	5.556	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	12851	5.737	ug/l	93
56) Ethyl methacrylate	9.104	69	19193	5.150	ug/l	94
57) 1,3-Dichloropropane	9.293	76	21791	5.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	51839	26.105	ug/l	99
59) 2-Hexanone	9.415	43	77339	26.870	ug/l	94
60) Dibromochloromethane	9.500	129	15001	5.454	ug/l	96
61) 1,2-Dibromoethane	9.592	107	13604	5.607	ug/l	98
64) Tetrachloroethene	9.257	164	11143	5.050	ug/l	95
65) Chlorobenzene	10.061	112	37273	5.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	12732	5.270	ug/l	98
67) Ethyl Benzene	10.177	91	62296	5.145	ug/l	99
68) m/p-Xylenes	10.287	106	49879	10.937	ug/l	95
69) o-Xylene	10.622	106	22635	5.073	ug/l	100
70) Styrene	10.640	104	37132	4.961	ug/l	97
71) Bromoform	10.781	173	10686	4.794	ug/l #	99
73) Isopropylbenzene	10.945	105	58325	5.170	ug/l	99
74) N-amyl acetate	10.823	43	27391	4.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	20004	5.028	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	17442m	5.264	ug/l	
77) Bromobenzene	11.183	156	15047	5.165	ug/l	97
78) n-propylbenzene	11.287	91	70141	5.288	ug/l	98
79) 2-Chlorotoluene	11.348	91	41753	5.209	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	49434	5.375	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	6086	4.649	ug/l #	68
82) 4-Chlorotoluene	11.439	91	48714	5.181	ug/l	98
83) tert-Butylbenzene	11.695	119	50724	5.333	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	49620	5.348	ug/l	98
85) sec-Butylbenzene	11.872	105	63911	5.436	ug/l	99
86) p-Isopropyltoluene	11.994	119	53619	5.425	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	27829	5.097	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	29566	5.367	ug/l	94
89) n-Butylbenzene	12.311	91	48406	5.221	ug/l	99
90) Hexachloroethane	12.518	117	9577	5.086	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	27650	5.275	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	4451	4.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	17890	5.137	ug/l	96
94) Hexachlorobutadiene	13.707	225	7776	5.341	ug/l	96
95) Naphthalene	13.756	128	55759	4.979	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	16279	5.025	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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